

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,137,115 B2  
APPLICATION NO. : 09/748862  
DATED : November 14, 2006  
INVENTOR(S) : Satoshi Sakamoto et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

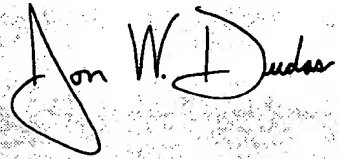
Column 8, Line 20, change "coefficient" to --coefficient--.

Column 9, Line 56, after "counter" insert --,--.

Column 11, Line 3, change "coefficient" to --coefficient--.

Signed and Sealed this

Eighth Day of May, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*